

In the Claims:

Claim 1 (previously presented) An electrocatalyst for oxygen reduction comprising a cobalt and ruthenium sulfide supported on a conductive carbon black.

Claim 2 (cancelled).

Claim 3 (previously presented) The electrocatalyst of claim 1 wherein said conductive carbon black is a carbon black having a surface area exceeding 120 g/m².

Claim 4 (cancelled).

Claim 5 (previously presented) The electrocatalyst of claim 1 obtained by incipient wetness impregnation of said carbon black support with an aqueous solution of precursor salts of cobalt and ruthenium, optionally comprising ruthenium chloride, drying the impregnated carbon black support and treating the resulting product under an atmosphere of hydrogen sulfide optionally diluted with an inert carrier gas.

Claim 6 (previously presented) The electrocatalyst of claim 3 obtained by aqueous precipitation of a cobalt and ruthenium oxide on said carbon black, drying and treating the resulting product under an atmosphere of hydrogen sulfide optionally diluted with an inert carrier gas.